



Appln. No. 09/393,803  
Amendment dated Feb 12, 2004  
Reply to Office Action of Jan. 16, 2004  
Replacement Sheet

4001 ACCGCGCCAC ATAGCAGAAC TTAAAAAGTG CTCATCATTG GAAAACGTTT  
4051 TTCGGGGCGA AAACCTCTCAAGGATCTTACC GCTGTTGAGA TCCAGTTCCA  
4101 TGTAACCCAC TCGTGCACCC AACTGATCTT CAGCATCTTT TACTTTCACC  
4151 AGCGTTTCTG GGTGAGCAAA AACAGGAAGG CAAAATGCCG CAAAAAAGGG  
4201 AATAAGGGCG ACACGGAAAT GTTGAATACT CATACTCTTC CTTTTTCAAT  
4251 ATTATTGAAG CATTTATCAG GGTATTGTC TCATGAGCGG ATACATATTT  
4301 GAATGTATTT AGAAAAATAA ACAAATAGGG GTTCCGCGCA CATTTCCCCG  
4351 AAAAGTGCCA CCTGACGTCT AAGAAACCAT TATTATCATG ACATTAACCT  
4401 ATAAAAATAG GCGTATCAGG AGGCCCTTTC GTC (SEQ ID NO: 12)

FIG.6E



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4151 CAAACAGGAA TCGAATGCAA CCGGCGCAGG AACACTGCCA GCGCATCAAC  
4201 AATATTTTCA CCTGAATCAG GATATTCTTC TAATACCTGG AATGCTGTTT  
4251 TCCCGGGGAT CGCAGTGGTG AGTAACCATG CATCATCAGG AGTACGGATA  
4301 AAATGCTTGA TGGTCGGAAG AGGCATAAAT TCCGTCAGCC AGTTTACTCT  
4351 GACCATCTCA TCTGTAACAT CATTGGCAAC GCTACCTTTG CCATGTTTCA  
4401 GAAACAATC TGGCGCATCG GGCTTCCCAT ACAATCGATA GATTGTCCGA  
4451 CCTGATTGCC CGACATTATC GCGAGCCCAT TTATACCCAT ATAAATCAGC  
4501 ATCCATGTTG GAATTTAATC GCGGCCTCGA GCAAGACGTT TCCCGTTGAA  
4551 TATGGCTCAT AACACCCCTT GTTACTGT TTATGTAAGC AGACAGTTTT  
4601 ATTGTTTCATG ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT  
4651 TTGAGACACA ACGTGGCTTT CCCCCCCCCC CCATTATTGA AGCATTATC  
4701 ACGGTTATTG TCTCATGAGC GGATACATAT TTGAATGTAT TTAGAAAAAT  
4751 AAACAAATAG GGGTTCGCG CACATTTCCC CGAAAAGTGC CACCTGACGT  
4801 CTAAGAAACC ATTATTATCA TGACATTAAC CTATAAAAT AGGCGTATCA  
4851 CGAGGCCCTT TCGTC (SEQ ID NO:14)

FIG.7E



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4201 AATATTTTCA CCTGAATCAG GATATTCTTC TAATACCTGG AATGCTGTTT  
4251 TCCCGGGGAT CGCAGTGGTG AGTAACCATG CATCATCAGG AGTACGGATA  
4301 AAATGCTTGA TGGTCGGAAG AGGCATAAAT TCCGTCAGCC AGTTTAGTCT  
4351 GACCATCTCA TCTGTAACAT CATTGGCAAC GCTACCTTTG CCATGTTTCA  
4401 GAAACAAC TC TGGCGCATCG GGCTTCCCAT ACAATCGATA GATTGTGCGA  
4451 CCTGATTGCC CGACATTATC GCGAGCCCAT TTATACCCAT ATAAATCAGC  
4501 ATCCATGTTG GAATTTAATC GCGGCCTCGA GCAAGACGTT TCCCGTTGAA  
4551 TATGGCTCAT AACACCCCTT GTATTACTGT TTATGTAAGC AGACAGTTTT  
4601 ATTGTTTCATG ATGATATATT TTTATCTTGT GCAATGTAAC ATCAGAGATT  
4651 TTGAGACACA ACGTGGCTTT CC (SEQ ID NO:100)

FIG.11D